

## Weight conversion tables (metric)

### Grade 5 Measurement Worksheet

Complete the table by converting the units of weight.

$$1 \text{ kg} = 1,000 \text{ g} = 100,000 \text{ cg} = 1,000,000 \text{ mg}$$



kg		0.125				3
g	800				2,000	
cg			6,800			
mg				900,000		

Answer the word problems.

- A baker used 700 g of flour to bake a cake. How much is this in milligrams? \_\_\_\_\_
- Faye's pet cat weighs 4.5 kg. What is its weight in grams? \_\_\_\_\_
- Roy is doing an exercise with a 5 kg dumbbell. What is the weight of the dumbbells in centigrams? \_\_\_\_\_
- A vacuum cleaner weighs 6.2 kg. What is the mass of 4 such vacuum cleaners in grams? \_\_\_\_\_
- Mrs. Smith bought bananas with a weight of 2,100 g and pineapples with a weight of 2,300 g. What is the total weight of the fruit in kilograms? \_\_\_\_\_

## Answers

$$1 \text{ kg} = 1,000 \text{ g} = 100,000 \text{ cg} = 1,000,000 \text{ mg}$$

kg	0.8	0.125	0.068	0.9	2	3
g	800	125	68	900	2,000	3,000
cg	80,000	12,500	6,800	90,000	200,000	300,000
mg	800,000	125,000	68,000	900,000	2,000,000	3,000,000

1. A baker used 700 g of flour to bake cake. How much is this in milligrams? 700,000 mg
2. Faye's pet cat weighs 4.5 kg. What is its weight in grams? 4,500 g
3. Roy is doing an exercise with a 5 kg dumbbell. What is the weight of the dumbbells in centigrams? 500,000 cg
4. A vacuum cleaner weighs 6.2 kg. What is the mass of 4 such vacuum cleaners in grams? 24,800 g
5. Mrs. Smith bought bananas with a weight of 2,100 g and pineapples with a weight of 2,300 g. What is the total weight of the fruit in kilograms? 4.4 kg